



Epidemic Control Efforts and Resultant Key HIV Trends in Bangkok (2018-2020)

Presenter

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BACKGROUND

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Achieving epidemic control requires steady efforts to maintain progress across the prevention and care continua.

Fast-Track Cities focus on addressing gaps related to service delivery to attain the 95-95-95 targets.

Notable progress on reaching HIV targets have been achieved in Bangkok.

BACKGROUND CONTINUED

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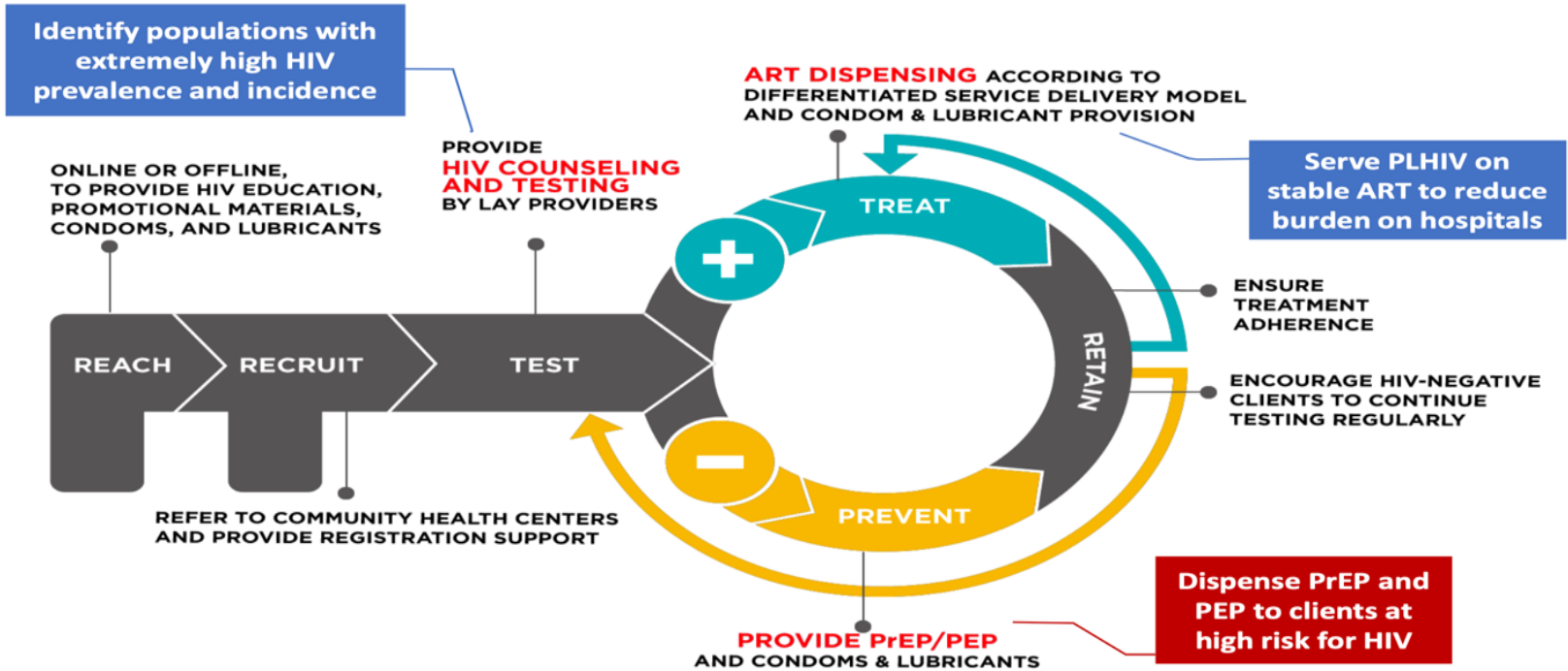


Bangkok has implemented several key interventions across the HIV Care Continuum towards 95-95-95 and epidemic control. Of note, some of the innovative interventions were documented in the Bangkok Fast-Track City Report 2015-2020 which included:

- The Reach-Recruit-Test-Treat-Prevent-Retain (RRTTPR) approach
- The Key Population Led Health Services model (KPLHS)
- Same-Day ART (SDART)
- Differentiated Service Delivery (DSD) to scale-up testing, prevention and treatment.



KPLHS differentiated service delivery along Reach-Recruit-Test-Treat-Prevent-Retain cascade



METHODOLOGY

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As part of the Fast-Track cities initiative, data were requested annually from the Bangkok Metropolitan Administration (BMA).

All the data collection and reporting was done by the BMA at city level in Bangkok and were shared by the Bangkok Fast-Track Cities Committee.

An analysis of data from 2018 to 2020 was conducted to examine progress of

- 95-95-95 targets
- Prevalence
- Incidence
- Mortality rates

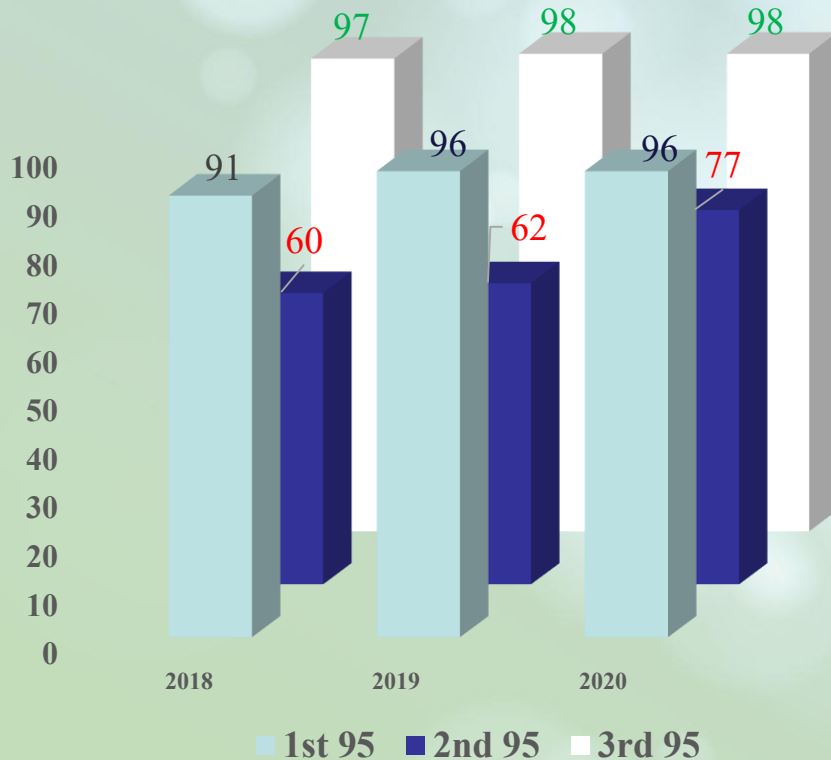
in the city of Bangkok.

RESULT

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95-95-95 Targets

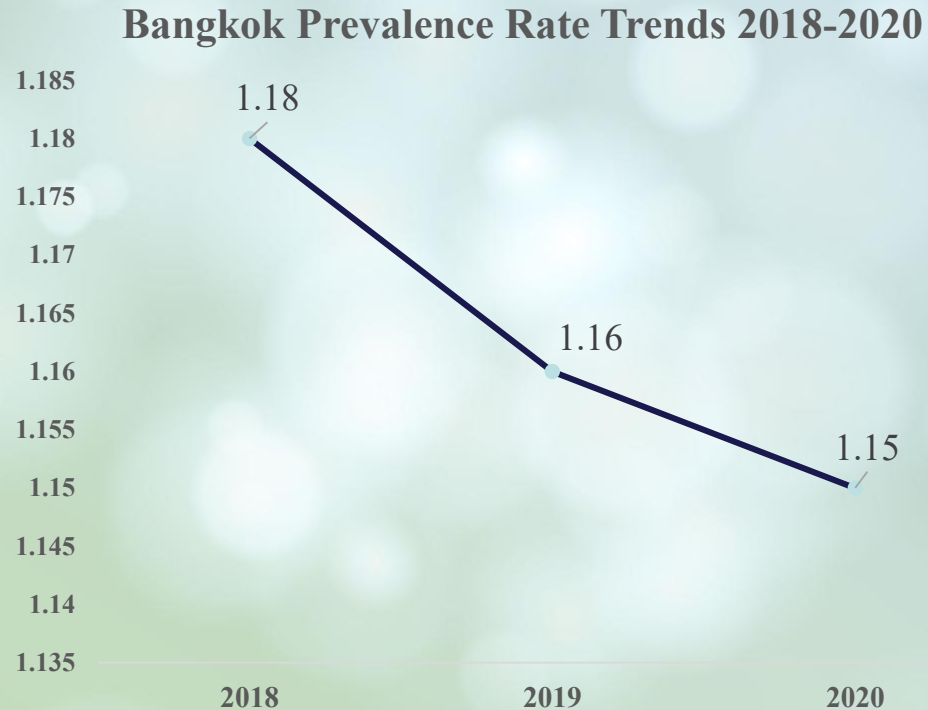


Bangkok's 95-95-95 trends have shown significant improvement from baseline to 2020; the 1st 95 **increased by 5 percentage points**, the 2nd 95 **increased by 17 percentage points**, showing substantial progress between 2019 and 2020.

Additionally, the 1st and 3rd 95 targets were exceeded in 2019 and 2020.

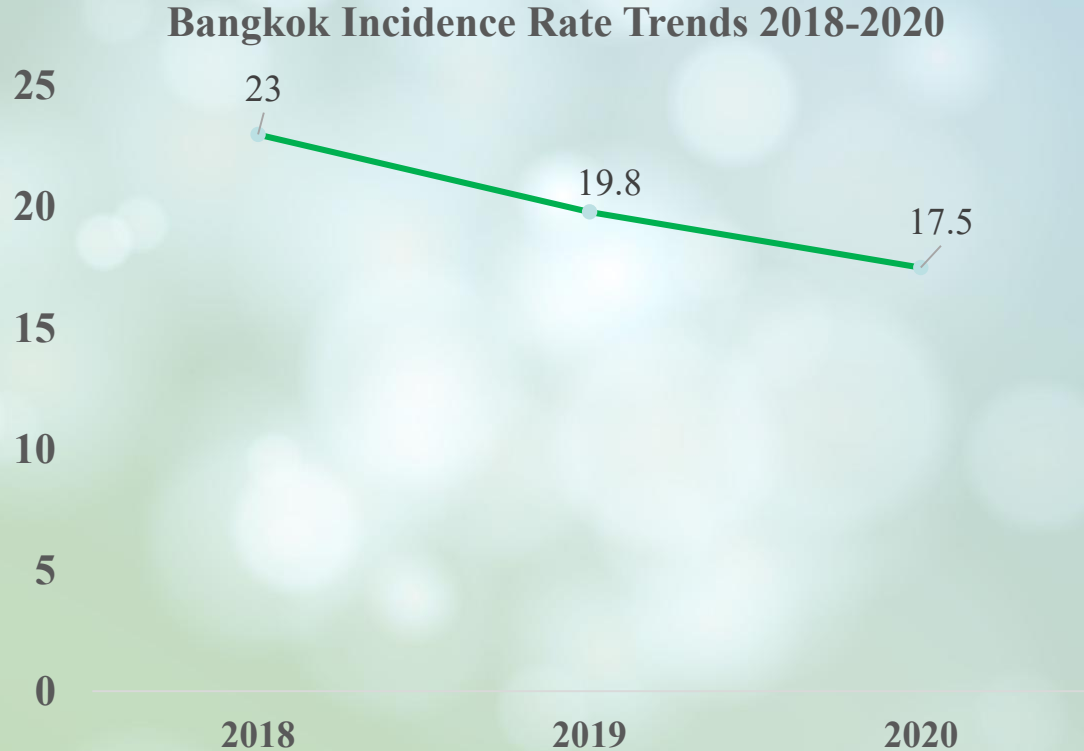


Bangkok Prevalence Rate Trends 2018-2020



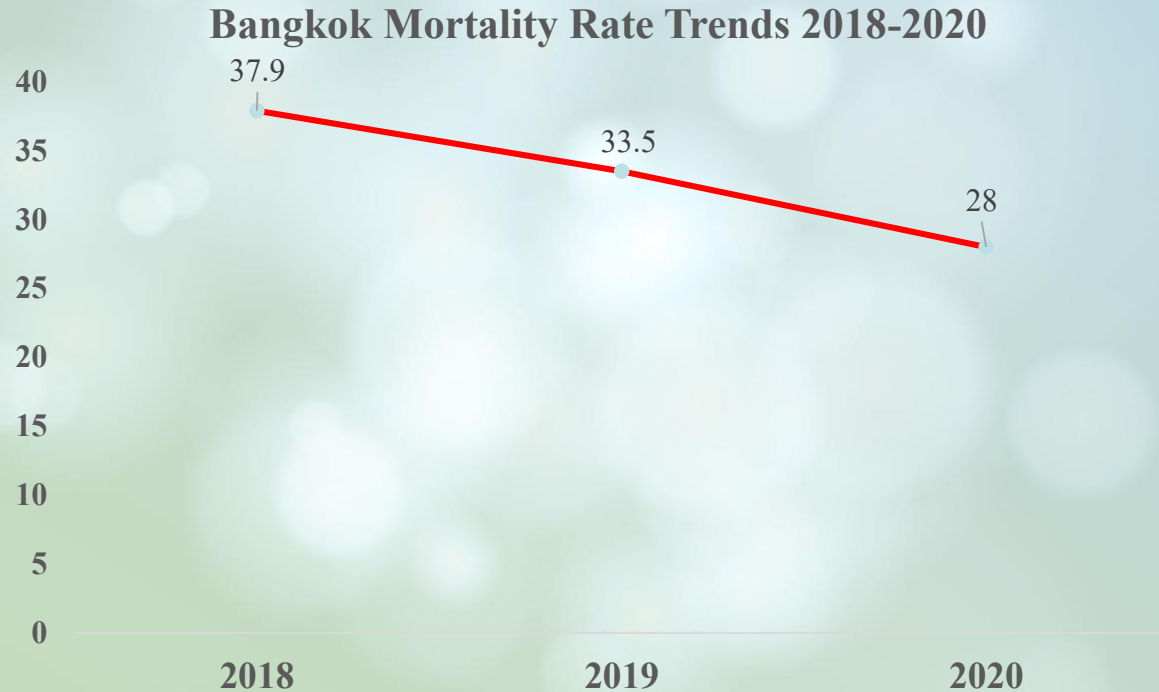


Bangkok Incidence Rate Trends 2018-2020





Bangkok Mortality Rate Trends 2018-2020





CONCLUSION

- Bangkok has made substantial progress on 95-95-95 targets, HIV incidence, prevalence and mortality rates from 2018-2020
- The innovative interventions in prevention, targeted HIV service delivery, and treatment adherence outlined in the Bangkok Fast-Track City report 2015-2020 contributed to this progress.

Acknowledgements

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THANK YOU